

Zafiris J Daskalakis

List of Publications by Citations

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444
papers

19,409
citations

75
h-index

120
g-index

489
ext. papers

23,814
ext. citations

4.8
avg, IF

6.99
L-index

#	Paper	IF	Citations
444	A meta-analytic study of changes in brain activation in depression. <i>Human Brain Mapping</i> , 2008 , 29, 683-95	3.9	668
443	A comprehensive review of the effects of rTMS on motor cortical excitability and inhibition. <i>Clinical Neurophysiology</i> , 2006 , 117, 2584-96	4.3	642
442	Treatment-Resistant Schizophrenia: Treatment Response and Resistance in Psychosis (TRRIP) Working Group Consensus Guidelines on Diagnosis and Terminology. <i>American Journal of Psychiatry</i> , 2017 , 174, 216-229	11.9	408
441	Effectiveness of theta burst versus high-frequency repetitive transcranial magnetic stimulation in patients with depression (THREE-D): a randomised non-inferiority trial. <i>Lancet, The</i> , 2018 , 391, 1683-1692	4.0	365
440	The mechanisms of interhemispheric inhibition in the human motor cortex. <i>Journal of Physiology</i> , 2002 , 543, 317-26	3.9	330
439	Improving working memory: the effect of combining cognitive activity and anodal transcranial direct current stimulation to the left dorsolateral prefrontal cortex. <i>Brain Stimulation</i> , 2011 , 4, 84-9	5.1	277
438	Canadian Network for Mood and Anxiety Treatments (CANMAT) 2016 Clinical Guidelines for the Management of Adults with Major Depressive Disorder: Section 4. Neurostimulation Treatments. <i>Canadian Journal of Psychiatry</i> , 2016 , 61, 561-75	4.8	270
437	A randomized, controlled trial of sequential bilateral repetitive transcranial magnetic stimulation for treatment-resistant depression. <i>American Journal of Psychiatry</i> , 2006 , 163, 88-94	11.9	254
436	Exploring the connectivity between the cerebellum and motor cortex in humans. <i>Journal of Physiology</i> , 2004 , 557, 689-700	3.9	234
435	Evidence for impaired cortical inhibition in schizophrenia using transcranial magnetic stimulation. <i>Archives of General Psychiatry</i> , 2002 , 59, 347-54		232
434	Repetitive Transcranial Magnetic Stimulation for the Acute Treatment of Major Depressive Episodes: A Systematic Review With Network Meta-analysis. <i>JAMA Psychiatry</i> , 2017 , 74, 143-152	14.5	224
433	A randomized trial of rTMS targeted with MRI based neuro-navigation in treatment-resistant depression. <i>Neuropsychopharmacology</i> , 2009 , 34, 1255-62	8.7	222
432	Daily left prefrontal repetitive transcranial magnetic stimulation in the acute treatment of major depression: clinical predictors of outcome in a multisite, randomized controlled clinical trial. <i>Neuropsychopharmacology</i> , 2009 , 34, 522-34	8.7	219
431	Transcranial direct current stimulation for acute major depressive episodes: meta-analysis of individual patient data. <i>British Journal of Psychiatry</i> , 2016 , 208, 522-31	5.4	218
430	Efficacy and safety of deep transcranial magnetic stimulation for major depression: a prospective multicenter randomized controlled trial. <i>World Psychiatry</i> , 2015 , 14, 64-73	14.4	204
429	Anhedonia and reward-circuit connectivity distinguish nonresponders from responders to dorsomedial prefrontal repetitive transcranial magnetic stimulation in major depression. <i>Biological Psychiatry</i> , 2014 , 76, 176-85	7.9	202
428	Evidence of cortical inhibitory deficits in major depressive disorder. <i>Biological Psychiatry</i> , 2010 , 67, 458-64	6.9	188

427	Clinically meaningful efficacy and acceptability of low-frequency repetitive transcranial magnetic stimulation (rTMS) for treating primary major depression: a meta-analysis of randomized, double-blind and sham-controlled trials. <i>Neuropsychopharmacology</i> , 2013 , 38, 543-51	8.7	184
426	An analysis of functional neuroimaging studies of dorsolateral prefrontal cortical activity in depression. <i>Psychiatry Research - Neuroimaging</i> , 2006 , 148, 33-45	2.9	182
425	Long-interval cortical inhibition from the dorsolateral prefrontal cortex: a TMS-EEG study. <i>Neuropsychopharmacology</i> , 2008 , 33, 2860-9	8.7	177
424	The effects of repetitive transcranial magnetic stimulation on cortical inhibition in healthy human subjects. <i>Experimental Brain Research</i> , 2006 , 174, 403-12	2.3	169
423	Evidence for impaired long-term potentiation in schizophrenia and its relationship to motor skill learning. <i>Cerebral Cortex</i> , 2008 , 18, 990-6	5.1	160
422	Treating working memory deficits in schizophrenia: a review of the neurobiology. <i>Biological Psychiatry</i> , 2014 , 75, 361-70	7.9	158
421	Improving working memory: exploring the effect of transcranial random noise stimulation and transcranial direct current stimulation on the dorsolateral prefrontal cortex. <i>Clinical Neurophysiology</i> , 2011 , 122, 2384-9	4.3	156
420	rTMS of the dorsomedial prefrontal cortex for major depression: safety, tolerability, effectiveness, and outcome predictors for 10 Hz versus intermittent theta-burst stimulation. <i>Brain Stimulation</i> , 2015 , 8, 208-15	5.1	155
419	Testing the limits: Investigating the effect of tDCS dose on working memory enhancement in healthy controls. <i>Neuropsychologia</i> , 2013 , 51, 1777-84	3.2	153
418	Removing artefacts from TMS-EEG recordings using independent component analysis: importance for assessing prefrontal and motor cortex network properties. <i>NeuroImage</i> , 2014 , 101, 425-39	7.9	152
417	Intensity-dependent effects of 1 Hz rTMS on human corticospinal excitability. <i>Clinical Neurophysiology</i> , 2002 , 113, 1136-41	4.3	145
416	Clinical utility of transcranial direct current stimulation (tDCS) for treating major depression: a systematic review and meta-analysis of randomized, double-blind and sham-controlled trials. <i>Journal of Psychiatric Research</i> , 2013 , 47, 1-7	5.2	140
415	The role of BDNF in the pathophysiology and treatment of schizophrenia. <i>Journal of Psychiatric Research</i> , 2012 , 46, 1-11	5.2	137
414	New targets for rTMS in depression: a review of convergent evidence. <i>Brain Stimulation</i> , 2013 , 6, 231-40	5.1	133
413	Investigating the Role of Current Strength in tDCS Modulation of Working Memory Performance in Healthy Controls. <i>Frontiers in Psychiatry</i> , 2011 , 2, 45	5	129
412	Autobiographical episodic memory in major depressive disorder. <i>Journal of Abnormal Psychology</i> , 2014 , 123, 51-60	7	126
411	An fMRI study of prefrontal brain activation during multiple tasks in patients with major depressive disorder. <i>Human Brain Mapping</i> , 2008 , 29, 490-501	5.9	126
410	Optimal transcranial magnetic stimulation coil placement for targeting the dorsolateral prefrontal cortex using novel magnetic resonance image-guided neuronavigation. <i>Human Brain Mapping</i> , 2010 , 31, 1643-52	5.9	124

409	Clinical utility and prospective of TMS-EEG. <i>Clinical Neurophysiology</i> , 2019 , 130, 802-844	4.3	123
408	A meta-analysis of cortical inhibition and excitability using transcranial magnetic stimulation in psychiatric disorders. <i>Clinical Neurophysiology</i> , 2013 , 124, 1309-20	4.3	122
407	Evidence for gamma inhibition deficits in the dorsolateral prefrontal cortex of patients with schizophrenia. <i>Brain</i> , 2010 , 133, 1505-14	11.2	120
406	The treatment of hallucinations in schizophrenia spectrum disorders. <i>Schizophrenia Bulletin</i> , 2012 , 38, 704-14	1.3	117
405	Glutamatergic neurometabolite levels in major depressive disorder: a systematic review and meta-analysis of proton magnetic resonance spectroscopy studies. <i>Molecular Psychiatry</i> , 2019 , 24, 952-964	15.1	115
404	Brain serotonin 5-HT(1A) receptor binding in schizophrenia measured by positron emission tomography and [11C]WAY-100635. <i>Archives of General Psychiatry</i> , 2002 , 59, 514-20		115
403	A randomized double-blind sham-controlled study of transcranial direct current stimulation for treatment-resistant major depression. <i>Frontiers in Psychiatry</i> , 2012 , 3, 74	5	106
402	Evidence for GABAergic inhibitory deficits in major depressive disorder. <i>Neuroscience and Biobehavioral Reviews</i> , 2011 , 35, 818-25	9	106
401	A double-blind sham-controlled trial of repetitive transcranial magnetic stimulation in the treatment of refractory auditory hallucinations. <i>Journal of Clinical Psychopharmacology</i> , 2005 , 25, 358-62	1.7	104
400	Concordance Between BeamF3 and MRI-neuronavigated Target Sites for Repetitive Transcranial Magnetic Stimulation of the Left Dorsolateral Prefrontal Cortex. <i>Brain Stimulation</i> , 2015 , 8, 965-73	5.1	103
399	Exploring the optimal site for the localization of dorsolateral prefrontal cortex in brain stimulation experiments. <i>Brain Stimulation</i> , 2009 , 2, 234-7	5.1	101
398	Dysfunctional neural plasticity in patients with schizophrenia. <i>Archives of General Psychiatry</i> , 2008 , 65, 378-85		101
397	The genome-wide supported microRNA-137 variant predicts phenotypic heterogeneity within schizophrenia. <i>Molecular Psychiatry</i> , 2013 , 18, 443-50	15.1	100
396	An investigation into the effects of tDCS dose on cognitive performance over time in patients with schizophrenia. <i>Schizophrenia Research</i> , 2014 , 155, 96-100	3.6	96
395	Can repetitive magnetic stimulation improve cognition in schizophrenia? Pilot data from a randomized controlled trial. <i>Biological Psychiatry</i> , 2013 , 73, 510-7	7.9	94
394	Evidence for excessive frontal evoked gamma oscillatory activity in schizophrenia during working memory. <i>Schizophrenia Research</i> , 2010 , 121, 146-52	3.6	93
393	Reduced plastic brain responses in schizophrenia: a transcranial magnetic stimulation study. <i>Schizophrenia Research</i> , 2004 , 71, 17-26	3.6	93
392	The Neural Crossroads of Psychiatric Illness: An Emerging Target for Brain Stimulation. <i>Trends in Cognitive Sciences</i> , 2016 , 20, 107-120	14	92

391	Meta-analysis of repetitive transcranial magnetic stimulation in the treatment of auditory verbal hallucinations: update and effects after one month. <i>Schizophrenia Research</i> , 2012 , 142, 40-5	3.6	91
390	The application of transcranial magnetic stimulation in psychiatry and neurosciences research. <i>Acta Psychiatrica Scandinavica</i> , 2002 , 105, 324-40	6.5	90
389	The role of the cerebellum in the pathophysiology and treatment of neuropsychiatric disorders: a review. <i>Brain Research Reviews</i> , 2008 , 59, 185-200		89
388	Abnormal asymmetry of brain connectivity in schizophrenia. <i>Frontiers in Human Neuroscience</i> , 2014 , 8, 1010	3.3	88
387	A randomized trial of the anti-depressant effects of low- and high-frequency transcranial magnetic stimulation in treatment-resistant depression. <i>Depression and Anxiety</i> , 2009 , 26, 229-34	8.4	88
386	Hippocampal volumetrics in depression: the importance of the posterior tail. <i>Hippocampus</i> , 2007 , 17, 1023-7	3.5	88
385	A transcranial magnetic stimulation study of inhibitory deficits in the motor cortex in patients with schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2002 , 114, 11-22	2.9	86
384	Reliability of long-interval cortical inhibition in healthy human subjects: a TMS-EEG study. <i>Journal of Neurophysiology</i> , 2010 , 104, 1339-46	3.2	85
383	The role of the corpus callosum in transcranial magnetic stimulation induced interhemispheric signal propagation. <i>Biological Psychiatry</i> , 2010 , 68, 825-31	7.9	85
382	Increased dopamine d(2) receptor occupancy and elevated prolactin level associated with addition of haloperidol to clozapine. <i>American Journal of Psychiatry</i> , 2001 , 158, 311-4	11.9	84
381	Characterization of Glutamatergic and GABA-Mediated Neurotransmission in Motor and Dorsolateral Prefrontal Cortex Using Paired-Pulse TMS-EEG. <i>Neuropsychopharmacology</i> , 2017 , 42, 502-511	8.7	83
380	A negative pilot study of daily bimodal transcranial direct current stimulation in schizophrenia. <i>Brain Stimulation</i> , 2014 , 7, 813-6	5.1	83
379	The role of cortical inhibition in the pathophysiology and treatment of schizophrenia. <i>Brain Research Reviews</i> , 2007 , 56, 427-42		83
378	Mirror neuron activity associated with social impairments but not age in autism spectrum disorder. <i>Biological Psychiatry</i> , 2012 , 71, 427-33	7.9	81
377	Cortical inhibition of distinct mechanisms in the dorsolateral prefrontal cortex is related to working memory performance: a TMS-EEG study. <i>Cortex</i> , 2015 , 64, 68-77	3.8	80
376	A meta-analysis of the effects of aging on motor cortex neurophysiology assessed by transcranial magnetic stimulation. <i>Clinical Neurophysiology</i> , 2016 , 127, 2834-2845	4.3	80
375	Discovering biomarkers for antidepressant response: protocol from the Canadian biomarker integration network in depression (CAN-BIND) and clinical characteristics of the first patient cohort. <i>BMC Psychiatry</i> , 2016 , 16, 105	4.2	80
374	The EEG correlates of the TMS-induced EMG silent period in humans. <i>NeuroImage</i> , 2013 , 83, 120-34	7.9	80

373	Potentiation of gamma oscillatory activity through repetitive transcranial magnetic stimulation of the dorsolateral prefrontal cortex. <i>Neuropsychopharmacology</i> , 2009 , 34, 2359-67	8.7	80
372	Mechanisms underlying long-interval cortical inhibition in the human motor cortex: a TMS-EEG study. <i>Journal of Neurophysiology</i> , 2013 , 109, 89-98	3.2	76
371	Resting-state EEG gamma power and theta-gamma coupling enhancement following high-frequency left dorsolateral prefrontal rTMS in patients with depression. <i>Clinical Neurophysiology</i> , 2017 , 128, 424-432	4.3	75
370	Oscillations in schizophrenia: mechanisms and clinical significance. <i>Brain Research</i> , 2011 , 1413, 98-114	3.7	75
369	Suppression of gamma-oscillations in the dorsolateral prefrontal cortex following long interval cortical inhibition: a TMS-EEG study. <i>Neuropsychopharmacology</i> , 2009 , 34, 1543-51	8.7	75
368	Reduced motor facilitation during action observation in schizophrenia: a mirror neuron deficit?. <i>Schizophrenia Research</i> , 2008 , 102, 116-21	3.6	75
367	The relationship between cortical inhibition, antipsychotic treatment, and the symptoms of schizophrenia. <i>Biological Psychiatry</i> , 2009 , 65, 503-9	7.9	74
366	Characterizing and Modulating Brain Circuitry through Transcranial Magnetic Stimulation Combined with Electroencephalography. <i>Frontiers in Neural Circuits</i> , 2016 , 10, 73	3.5	74
365	Indicators for Remission of Suicidal Ideation Following Magnetic Seizure Therapy in Patients With Treatment-Resistant Depression. <i>JAMA Psychiatry</i> , 2016 , 73, 337-45	14.5	72
364	PAS-induced potentiation of cortical-evoked activity in the dorsolateral prefrontal cortex. <i>Neuropsychopharmacology</i> , 2013 , 38, 2545-52	8.7	72
363	A randomized double-blind sham-controlled comparison of unilateral and bilateral repetitive transcranial magnetic stimulation for treatment-resistant major depression. <i>World Journal of Biological Psychiatry</i> , 2012 , 13, 423-35	3.8	71
362	Management of Treatment-Resistant Depression: Challenges and Strategies. <i>Neuropsychiatric Disease and Treatment</i> , 2020 , 16, 221-234	3.1	70
361	The effects of repetitive transcranial magnetic stimulation in the treatment of depression. <i>Expert Review of Medical Devices</i> , 2011 , 8, 85-95	3.5	70
360	Investing in the future: stimulation of the medial prefrontal cortex reduces discounting of delayed rewards. <i>Neuropsychopharmacology</i> , 2015 , 40, 546-53	8.7	69
359	A STUDY OF THE PATTERN OF RESPONSE TO rTMS TREATMENT IN DEPRESSION. <i>Depression and Anxiety</i> , 2016 , 33, 746-53	8.4	69
358	Increased cortical inhibition in persons with schizophrenia treated with clozapine. <i>Journal of Psychopharmacology</i> , 2008 , 22, 203-9	4.6	69
357	Efficacy and acceptability of high frequency repetitive transcranial magnetic stimulation (rTMS) versus electroconvulsive therapy (ECT) for major depression: a systematic review and meta-analysis of randomized trials. <i>Depression and Anxiety</i> , 2013 , 30, 614-23	8.4	68
356	Evidence for cortical inhibitory and excitatory dysfunction in obsessive compulsive disorder. <i>Neuropsychopharmacology</i> , 2012 , 37, 1144-51	8.7	68

355	GABA and cortical inhibition in motor and non-motor regions using combined TMS-EEG: a time analysis. <i>Clinical Neurophysiology</i> , 2009 , 120, 1706-10	4.3	68
354	Extent of Dorsolateral Prefrontal Cortex Plasticity and Its Association With Working Memory in Patients With Alzheimer Disease. <i>JAMA Psychiatry</i> , 2017 , 74, 1266-1274	14.5	66
353	An automated method to determine the transcranial magnetic stimulation-induced contralateral silent period. <i>Clinical Neurophysiology</i> , 2003 , 114, 938-44	4.3	66
352	A double blind randomized trial of unilateral left and bilateral prefrontal cortex transcranial magnetic stimulation in treatment resistant major depression. <i>Journal of Affective Disorders</i> , 2012 , 139, 193-8	6.6	65
351	A study of transcallosal inhibition in schizophrenia using transcranial magnetic stimulation. <i>Schizophrenia Research</i> , 2002 , 56, 199-209	3.6	65
350	A practical guide to the use of repetitive transcranial magnetic stimulation in the treatment of depression. <i>Brain Stimulation</i> , 2012 , 5, 287-296	5.1	64
349	A randomized trial of low-frequency right-prefrontal-cortex transcranial magnetic stimulation as augmentation in treatment-resistant major depression. <i>International Journal of Neuropsychopharmacology</i> , 2006 , 9, 655-66	5.8	64
348	Brain stimulation methods to treat tobacco addiction. <i>Brain Stimulation</i> , 2013 , 6, 221-30	5.1	63
347	A study of the effectiveness of bilateral transcranial magnetic stimulation in the treatment of the negative symptoms of schizophrenia. <i>Brain Stimulation</i> , 2008 , 1, 27-32	5.1	63
346	Short-latency artifacts associated with concurrent TMS-EEG. <i>Brain Stimulation</i> , 2013 , 6, 868-76	5.1	62
345	Quetiapine: an effective antipsychotic in first-episode schizophrenia despite only transiently high dopamine-2 receptor blockade. <i>Journal of Clinical Psychiatry</i> , 2002 , 63, 992-7	4.6	62
344	The effect of tACS on working memory performance in healthy controls. <i>Brain and Cognition</i> , 2015 , 101, 51-6	2.7	60
343	Accelerated repetitive transcranial magnetic stimulation in the treatment of depression. <i>Neuropsychopharmacology</i> , 2018 , 43, 1565-1572	8.7	60
342	An Update on Repetitive Transcranial Magnetic Stimulation for the Treatment of Co-morbid Pain and Depressive Symptoms. <i>Current Pain and Headache Reports</i> , 2018 , 22, 51	4.2	60
341	A functional magnetic resonance imaging study of the effects of low frequency right prefrontal transcranial magnetic stimulation in depression. <i>Journal of Clinical Psychopharmacology</i> , 2007 , 27, 488-92	1.7	60
340	Transcranial magnetic stimulation: a new investigational and treatment tool in psychiatry. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2002 , 14, 406-15	2.7	60
339	The effect of repetitive transcranial magnetic stimulation on gamma oscillatory activity in schizophrenia. <i>PLoS ONE</i> , 2011 , 6, e22627	3.7	60
338	Efficacy, tolerability, and cognitive effects of deep transcranial magnetic stimulation for late-life depression: a prospective randomized controlled trial. <i>Neuropsychopharmacology</i> , 2018 , 43, 2231-2238	8.7	60

337	EEG power asymmetry and functional connectivity as a marker of treatment effectiveness in DBS surgery for depression. <i>Neuropsychopharmacology</i> , 2014 , 39, 1270-81	8.7	59
336	Number of pulses or number of sessions? An open-label study of trajectories of improvement for once-vs. twice-daily dorsomedial prefrontal rTMS in major depression. <i>Brain Stimulation</i> , 2018 , 11, 327-336	5.1	59
335	Reproducibility in TMS-EEG studies: A call for data sharing, standard procedures and effective experimental control. <i>Brain Stimulation</i> , 2019 , 12, 787-790	5.1	58
334	Pilot study of the clinical and cognitive effects of high-frequency magnetic seizure therapy in major depressive disorder. <i>Depression and Anxiety</i> , 2013 , 30, 129-36	8.4	57
333	Repetitive transcranial magnetic stimulation and drug addiction. <i>International Review of Psychiatry</i> , 2011 , 23, 454-66	3.6	57
332	Repetitive transcranial magnetic stimulation reveals abnormal plastic response to premotor cortex stimulation in schizophrenia. <i>Biological Psychiatry</i> , 2004 , 56, 628-33	7.9	57
331	Cortical inhibitory dysfunction in bipolar disorder: a study using transcranial magnetic stimulation. <i>Journal of Clinical Psychopharmacology</i> , 2007 , 27, 493-7	1.7	56
330	Reduced cerebellar inhibition in schizophrenia: a preliminary study. <i>American Journal of Psychiatry</i> , 2005 , 162, 1203-5	11.9	56
329	Evaluating a Web-based cognitive-behavioral therapy for maladaptive perfectionism in university students. <i>Journal of American College Health</i> , 2012 , 60, 357-66	2.2	54
328	A pilot double-blind sham-controlled trial of repetitive transcranial magnetic stimulation for patients with refractory schizophrenia treated with clozapine. <i>Psychiatry Research</i> , 2011 , 188, 203-7	9.9	54
327	A randomized trial of unilateral and bilateral prefrontal cortex transcranial magnetic stimulation in treatment-resistant major depression. <i>Psychological Medicine</i> , 2011 , 41, 1187-96	6.9	54
326	Priming stimulation enhances the effectiveness of low-frequency right prefrontal cortex transcranial magnetic stimulation in major depression. <i>Journal of Clinical Psychopharmacology</i> , 2008 , 28, 52-8	1.7	54
325	Imaging-based neurochemistry in schizophrenia: a systematic review and implications for dysfunctional long-term potentiation. <i>Schizophrenia Bulletin</i> , 2015 , 41, 44-56	1.3	52
324	High frequency repetitive transcranial magnetic stimulation reduces tobacco craving in schizophrenia. <i>Schizophrenia Research</i> , 2012 , 139, 264-6	3.6	51
323	Motor cortical excitability and clinical response to rTMS in depression. <i>Journal of Affective Disorders</i> , 2004 , 82, 71-6	6.6	51
322	A transcranial magnetic stimulation study of the effects of olanzapine and risperidone on motor cortical excitability in patients with schizophrenia. <i>Psychopharmacology</i> , 2002 , 162, 74-81	4.7	51
321	Trajectories of Response to Dorsolateral Prefrontal rTMS in Major Depression: A THREE-D Study. <i>American Journal of Psychiatry</i> , 2019 , 176, 367-375	11.9	50
320	Cortical inhibition, excitation, and connectivity in schizophrenia: a review of insights from transcranial magnetic stimulation. <i>Schizophrenia Bulletin</i> , 2014 , 40, 685-96	1.3	50

319	Cortical inhibition in motor and non-motor regions: a combined TMS-EEG study. <i>Clinical EEG and Neuroscience</i> , 2008 , 39, 112-7	2.3	50
318	Treatment of Bipolar Depression with Deep TMS: Results from a Double-Blind, Randomized, Parallel Group, Sham-Controlled Clinical Trial. <i>Neuropsychopharmacology</i> , 2017 , 42, 2593-2601	8.7	48
317	Evidence for inhibitory deficits in the prefrontal cortex in schizophrenia. <i>Brain</i> , 2015 , 138, 483-97	11.2	48
316	Theta-Gamma Coupling and Working Memory in Alzheimer's Dementia and Mild Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 101	5.3	48
315	Hippocampal volumetrics in treatment-resistant depression and schizophrenia: the devil's in de-tail. <i>Hippocampus</i> , 2012 , 22, 9-16	3.5	47
314	NEUROBIOLOGICAL PREDICTORS OF RESPONSE TO DORSOLATERAL PREFRONTAL CORTEX REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION IN DEPRESSION: A SYSTEMATIC REVIEW. <i>Depression and Anxiety</i> , 2015 , 32, 871-91	8.4	47
313	Non-invasive brain stimulation for negative symptoms in schizophrenia: An updated systematic review and meta-analysis. <i>Schizophrenia Research</i> , 2018 , 197, 34-44	3.6	46
312	Occipital bending in depression. <i>Brain</i> , 2014 , 137, 1830-7	11.2	46
311	A randomized controlled trial of sequentially bilateral prefrontal cortex repetitive transcranial magnetic stimulation in the treatment of negative symptoms in schizophrenia. <i>Brain Stimulation</i> , 2012 , 5, 337-346	5.1	46
310	Efficacy and acceptability of transcranial direct current stimulation (tDCS) for major depressive disorder: An individual patient data meta-analysis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020 , 99, 109836	5.5	46
309	Combined transcranial magnetic stimulation and electroencephalography: its past, present and future. <i>Brain Research</i> , 2012 , 1463, 93-107	3.7	45
308	Unilateral and bilateral MRI-targeted repetitive transcranial magnetic stimulation for treatment-resistant depression: a randomized controlled study. <i>Journal of Psychiatry and Neuroscience</i> , 2016 , 41, E58-66	4.5	44
307	Evidence for increased glutamatergic cortical facilitation in children and adolescents with major depressive disorder. <i>JAMA Psychiatry</i> , 2013 , 70, 291-9	14.5	42
306	The role of transcranial magnetic stimulation in treatment-resistant depression: a review. <i>Current Pharmaceutical Design</i> , 2012 , 18, 5846-52	3.3	42
305	1Hz rTMS of the right orbitofrontal cortex for major depression: Safety, tolerability and clinical outcomes. <i>European Neuropsychopharmacology</i> , 2018 , 28, 109-117	1.2	42
304	Effectiveness of the prefrontal repetitive transcranial magnetic stimulation on cognitive profiles in depression, schizophrenia, and Alzheimer's disease: A systematic review. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019 , 88, 31-40	5.5	40
303	Meditation-related increases in GABAB modulated cortical inhibition. <i>Brain Stimulation</i> , 2013 , 6, 397-402	5.1	40
302	Inhibitory deficits in the dorsolateral prefrontal cortex in psychopathic offenders. <i>Cortex</i> , 2013 , 49, 1377-85	3.85	40

301	A Review of Brain Stimulation Treatments for Late-Life Depression. <i>Current Treatment Options in Psychiatry</i> , 2015 , 2, 413-421	3.1	40
300	Repetitive transcranial magnetic stimulation of the primary motor cortex in the treatment of motor signs in Parkinson's disease: A quantitative review of the literature. <i>Movement Disorders</i> , 2015 , 30, 750-87		39
299	Clozapine, GABA(B), and the treatment of resistant schizophrenia. <i>Clinical Pharmacology and Therapeutics</i> , 2009 , 86, 442-6	6.1	39
298	MRI-targeted repetitive transcranial magnetic stimulation of Heschl's gyrus for refractory auditory hallucinations. <i>Brain Stimulation</i> , 2012 , 5, 577-85	5.1	38
297	Antipsychotics, dopamine D ₂ receptor occupancy and clinical improvement in schizophrenia: a meta-analysis. <i>Schizophrenia Research</i> , 2012 , 140, 214-20	3.6	38
296	A transcranial magnetic stimulation study of abnormal cortical inhibition in schizophrenia. <i>Psychiatry Research</i> , 2003 , 118, 197-207	9.9	38
295	A negative double-blind controlled trial of sequential bilateral rTMS in the treatment of bipolar depression. <i>Journal of Affective Disorders</i> , 2016 , 198, 158-62	6.6	38
294	Abnormal functional connectivity within resting-state networks is related to rTMS-based therapy effects of treatment resistant depression: A pilot study. <i>Journal of Affective Disorders</i> , 2017 , 218, 75-81	6.6	37
293	Determining optimal rTMS parameters through changes in cortical inhibition. <i>Clinical Neurophysiology</i> , 2014 , 125, 755-762	4.3	37
292	White matter deficits in psychopathic offenders and correlation with factor structure. <i>PLoS ONE</i> , 2013 , 8, e72375	3.7	37
291	Repetitive transcranial magnetic stimulation for treatment resistant depression: Re-establishing connections. <i>Clinical Neurophysiology</i> , 2016 , 127, 3394-3405	4.3	37
290	Altered Transcranial Magnetic Stimulation-Electroencephalographic Markers of Inhibition and Excitation in the Dorsolateral Prefrontal Cortex in Major Depressive Disorder. <i>Biological Psychiatry</i> , 2019 , 85, 477-486	7.9	37
289	Impaired theta-gamma coupling during working memory performance in schizophrenia. <i>Schizophrenia Research</i> , 2017 , 189, 104-110	3.6	36
288	Systematic Review of Cognitive Effects of Electroconvulsive Therapy in Late-Life Depression. <i>American Journal of Geriatric Psychiatry</i> , 2016 , 24, 547-65	6.5	36
287	The treatment of recurring auditory hallucinations in schizophrenia with rTMS. <i>World Journal of Biological Psychiatry</i> , 2006 , 7, 119-22	3.8	36
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